



IN THE  
UNITED STATES  
PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Zador

CASE: 57688.010002

INFORMATION DISCLOSURE  
STATEMENT

SERIAL NO.: 10/730,189

FILED ON: December 5, 2003

FOR: IMAGING SYSTEM UTILIZING  
SPATIAL IMAGE OSCILLATION

ATTENTION OF:  
ART UNIT 2621

EXAMINER:

COMMISSIONER OF PATENTS  
WASHINGTON, D.C. 20231

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 04-1030.

In accordance with 37 C.F.R. §1.56 and §1.98, Applicant respectfully submits herewith an Information Disclosure Statement under 37 C.F.R. §1.97(c) and 1.97(e), and informs the United States Patent and Trademark Office of information which may be material to the examination of the above-identified patent application.

The following documents, which comprise the aforementioned information, are as follows:

Gillette, J.C. et al.; "ALIASING REDUCTION IN STARING INFRARED IMAGERS UTILIZING SUBPIXEL TECHNIQUES", OPTICAL ENGINEERING, SOC.

**GREENBERG TRAURIG**  
CHICAGO IP OFFICE  
77 WEST WACKER DRIVE  
SUITE 2400  
CHICAGO, IL 60601  
(312) 456-8400

Richard Eugene Dick	27778	Herbert H. Finn	38139
Richard D. Harris	27898	James K. Cleland	44619
Howard E. Silverman	32492	Brad R. Bertoglio	47422
John S. Pacocha	25197	Jeffrey P. Dunning	50686
Douglas B. Teaney	33459		

OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, Bellingham, U.S., Vol. 34, no. 11, 1 November 1995, pp. 3130-3137.

Jensen J.A. et al.; "A NEW METHOD FOR ESTIMATION OF VELOCITY VECTORS", IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control, May 1998, IEEE, USA, vol. 45, no. 3, pp. 837 - 851.

Crespo, J.C.; "The Extended Chirp Scaling Processor for the Experimental SAR Systemt of DLR, E-SAR"; Proceedings of EUSAR '96, European Conference on Synthetic Aperture Radar, Konigswinter, Germany, 26 - 28 March 1996, pp. 353-356.

Ogmen, H. et al.; "NEURAL NETWORK ARCHITECTURES FOR MOTION PERCEPTION AND ELEMENTARY MOTION DETECTION IN THE FLY VISUAL SYSTEM", Neural Networks, Elsevier Science Publishers, Barking, GB, vol. 3, no. 5, 1990, pp. 487 - 505.

Moreira, A. et al: "AIRBORNE SAR PROCESSING OF HIGHLY SQUINTED DATA USING A CHIRP SCALING APPROACH WITH INTEGRATED MOTION COMPENSATION", IEEE Transactions on Geoscience and Remote Sensing, IEEE Inc., New York, U.S., vol. 32, no. 5, 1 Sept. 1994, pp. 1029 - 1040.

Murakami, I. et al.: "Assimilation-type and contrast-type bias of motion induced by the surround in a random-dot display: evidence for center-surround antagonism", Vision Research, Nov. 1996, Elsevier, UK, vol. 36, no. 22, pp. 3629-3639.

Veldkamp, W.B.: "Microoptics and microelectronics for image processing", Solid-State Circuits Conference, 1993, Digest of Technical Papers, 40th ISSCC., 1993 IEEE International, San Francisco, CA, US 24 - 26 Feb. 1993, New York, NY, USA, IEEE, US, 24 Feb. 1993, pp. 130-131, 275.

The International Search Report and International Preliminary Examination Report, PCT/CA02/00886, WIPO, March 20, 2003 and September 17, 2003, respectively.

Copies of the foregoing references are attached for consideration by the Examiner.

Should anything further be required, a telephone call to the undersigned at (312) 726-4000 is respectfully requested.

Respectfully submitted,

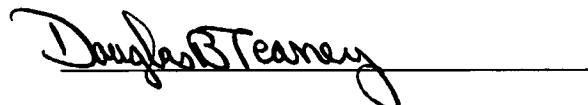
GREENBERG TRAURIG, LLP

Dated: March 24, 2004

  
Douglas B. Teaney  
One of Attorneys for Applicant

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 24, 2004.









\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.